

COMMUNICABLE DISEASE REPORT

December 2022



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Table 1: December 2022 Reportable Diseases

For the month of December we saw a rise above the threshold in cases of influenza, Lyme disease, pertussis and Streptococcus Pneumoniae.

Ohio Disease Reporting System (ODRS)	Case Classification Status				Threshold	YTD
	REPORTABLE DISEASE	Suspected	Probable	Confirmed		
Campylobacteriosis	0	1	1	2	2	17
Chlamydia infection	0	0	8	8	15	100
COVID-19	1	55	150	209	1133	6075
Cryptosporidiosis	0	0	1	1	2	4
Influenza-associated hospitalization	2	0	34	36	4	75
Lyme Disease	3	0	1	4	1	67
Pertussis	0	4	1	5	1	7
Streptococcus pneumoniae - resistance unknown	0	0	4	4	1	11

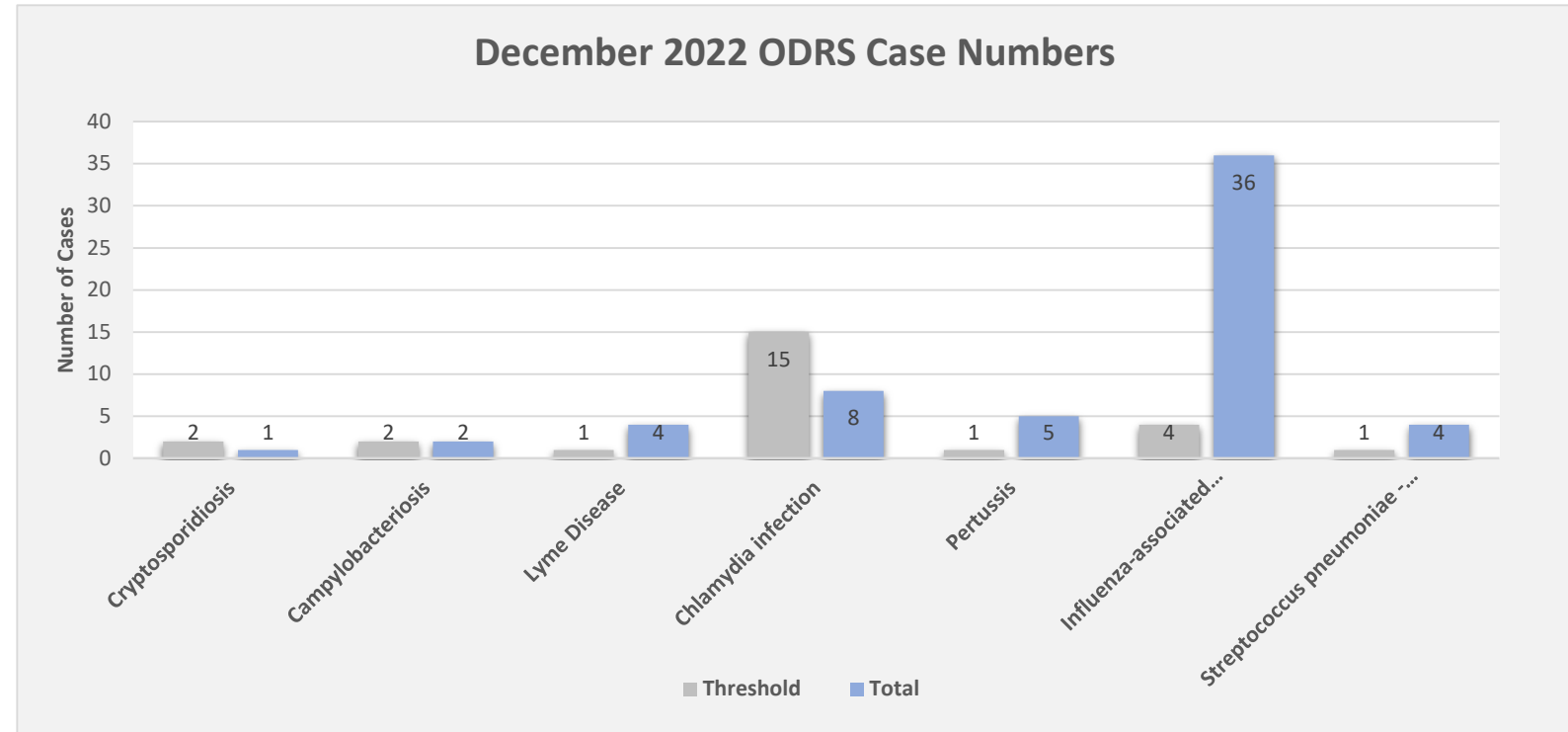
This report contains information regarding suspected, probable, and confirmed cases of the diseases listed and are subject to change

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Figure 1: December 2022 Reportable Disease Comparison

**COVID-19 excluded due to the number of cases for December exceeding the graphing scale for all other communicable diseases*

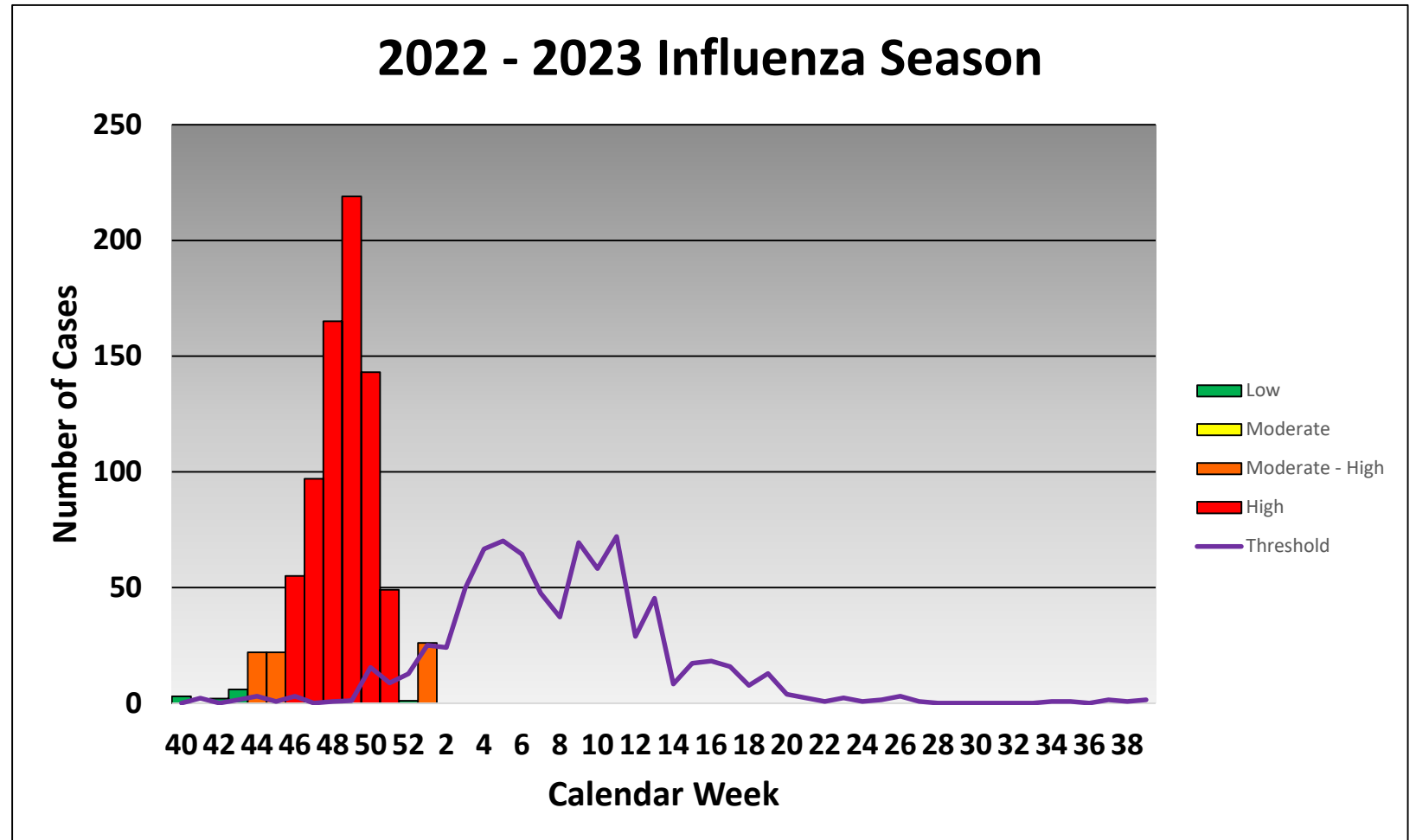
Influenza is 9 times the usual threshold for this time of the year. There are many factors that can influence this.



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Figure 2: Knox County 2022 – 2023 Flu Season

Influenza cases spiked early and well above the threshold but have fallen dramatically in recent weeks. Predictions are that it will be a moderately high influenza year but not with the sustained case rate we had at the end of December.



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REPORTABLE DISEASE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaplasmosis - Anaplasma phagocytophilum	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	0	0	0	0	0	0	1	0	0	0	0	1	2
Botulism, foodborne	0	0	0	0	0	0	0	0	0	0	0	0	0
Botulism - infant	0	0	0	0	0	0	0	0	0	0	0	0	0
Botulism - wound	0	0	0	0	0	0	0	0	0	0	0	0	0
Brucellosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacteriosis	2	1	3	1	1	0	0	3	2	0	2	2	17
Chancroid	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlamydia	9	6	6	14	5	12	6	13	5	7	6	15	100
Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0
Coccidioidomycosis	0	0	0	0	0	0	0	0	0	0	0	0	0
COVID-19	2516	359	86	99	334	371	641	639	409	218	206	209	6075
CP-CRE	2	0	0	1	0	0	0	1	0	0	1	0	5
Creutzfeldt-Jakob Disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Creutzfeldt-Jakob Disease - variant (vCJD)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cryptosporidiosis	0	0	0	1	0	0	1	0	0	0	1	1	4
Cyclosporiasis	0	0	0	0	0	0	0	0	0	0	0	0	0
Cytomegalovirus - congenital (CMV)	0	0	0	0	0	0	0	0	0	0	0	0	0
Dengue	0	0	0	0	0	0	0	0	0	0	0	0	0
Dengue Hemorrhagic Fever	0	0	0	0	0	0	0	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0	0

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E.coli - enterohemorrhagic (shiga toxin producing) - Not O157:H7	0	0	0	0	0	0	0	0	0	0	1	0	1
E.coli - enterohemorrhagic (shiga toxin producing) O157:H7	0	0	0	0	0	0	0	0	0	0	0	0	0
E.coli - enterohemorrhagic (shiga toxin producing) Unknown serotype	0	0	0	0	0	0	0	0	0	0	0	0	0
E.coli, Shiga Toxin-Producing (O157:H7, Not O157, Unknown Serotype)	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastern equine encephalitis virus disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis/Anaplasmosis - Undetermined	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis-Ehrlichia chaffeensis	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis-Ehrlichia ewingii	0	0	0	0	0	0	0	0	0	0	0	0	0
Encephalitis - post chickenpox	0	0	0	0	0	0	0	0	0	0	0	0	0
Encephalitis - post mumps	0	0	0	0	0	0	0	0	0	0	0	0	0
Encephalitis - post other infection	0	0	0	0	0	0	0	0	0	0	0	0	0
Encephalitis - primary viral	0	0	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	0	0	0	0	1	1	3	0	0	0	1	0	6
Gonorrhea	2	2	1	0	1	1	2	4	2	3	1	0	19
Granuloma inguinale	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae (invasive disease)	0	0	0	0	0	0	0	0	0	0	0	0	0
Hantavirus - infection	0	0	0	0	0	0	0	0	0	0	0	0	0
Hantavirus - pulmonary syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemolytic uremic syndrome (HUS)	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis - acute viral undetermined etiology	0	0	0	0	0	0	0	0	0	0	0	0	0

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Hepatitis A	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis B - Investigation	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis B - Perinatal Infection	0	0	1	0	0	0	0	0	0	0	0	0	1
Hepatitis B (including delta) - acute	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis B (including delta) - acute/chronic status not determined	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis B (including delta) - chronic	0	0	0	0	0	0	0	0	0	0	2	0	2
Hepatitis C - acute	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis C - acute/chronic status not determined	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis C - chronic	1	1	3	1	3	4	2	4	2	2	2	0	25
Hepatitis C - Perinatal Infection	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis E	0	0	0	0	0	0	0	0	0	0	0	0	0
Herpes - congenital	0	0	0	0	0	0	0	0	0	0	0	0	0
Immigrant Investigation	0	0	0	0	0	0	0	0	0	0	0	0	0
Influenza A - novel virus infection	0	0	0	0	0	0	0	0	0	0	0	0	0
Influenza - associated hospitalization	1	0	3	2	0	0	0	0	0	0	28	36	75
Influenza - associated pediatric mortality	0	0	0	0	0	0	0	0	0	0	0	0	0
Influenza - Seasonal (IRIS)	28	24	33	99	56	7	5	1	2	11	180	412	858
Kawasaki disease	0	0	0	0	0	0	0	0	0	0	0	0	0
LaCrosse virus disease	0	0	0	0	0	0	0	1	1	0	0	0	2
Legionellosis - Legionnaires' Disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Leprosy (Hansen Disease)	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptospirosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Listeriosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyme Disease	1	0	0	1	7	17	13	2	2	2	2	4	67
Lymphogranuloma venereum (LGV)	0	0	0	0	0	0	0	0	0	0	0	0	0

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Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles - imported from outside Ohio	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles - indigenous/imported Status Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis - aseptic/viral	0	0	0	1	0	0	0	2	0	0	0	0	3
Meningitis - bacteria (Not N. meningitidis)	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal disease - Neisseria meningitidis	0	0	0	0	0	0	0	0	0	0	0	0	0
Mumps	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterial disease - other than tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Other arthropod-borne disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Pertussis	0	0	0	0	0	0	1	0	0	0	1	5	7
Plague	0	0	0	0	0	0	0	0	0	0	0	0	0
Poliomyelitis - non-paralytic	0	0	0	0	0	0	0	0	0	0	0	0	0
Poliomyelitis - paralytic	0	0	0	0	0	0	0	0	0	0	0	0	0
Poliomyelitis - paralytic/non-paralytic Not Specified	0	0	0	0	0	0	0	0	0	0	0	0	0
Powassan virus disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Q fever, acute	0	0	0	0	0	0	0	0	0	0	0	0	0
Q fever, chronic	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabies - animal	0	0	0	0	0	0	0	0	0	0	0	0	0
Reye syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheumatic fever	0	0	0	0	0	0	0	0	0	0	0	0	0
Rocky Mountain spotted fever (RMSF)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubella - congenital	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubella - not congenital	0	0	0	0	0	0	0	0	0	0	0	0	0
Salmonellosis	1	0	0	0	1	0	2	1	0	0	1	0	6

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Severe Acute Respiratory Syndrome (SARS)	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Smallpox	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Louis encephalitis virus disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcal aureus - intermediate resistance to vancomycin (VISA)	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcal aureus - resistant to vancomycin (VRSA)	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcal - Group A - Invasive	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcal - Group B - in newborn	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcal toxic shock syndrome (STSS)	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus pneumoniae - invasive antibiotic resistance unknown	0	0	0	1	1	1	0	0	1	1	2	4	11
Streptococcus pneumoniae - invasive antibiotic resistant/intermediate	0	0	0	0	0	0	0	0	1	0	0	0	1
Syphilis - congenital	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis - early latent (<1year)	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis - late latent (>1year) asymptomatic	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis - late with clinical manifestations	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis - late with symptoms other than neurosyphilis	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis - neurosyphilis	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis - primary	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis - secondary	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis - stage Unknown	1	1	0	0	1	2	0	0	1	1	1	0	8
Syphilis - unknown latent	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0
Toxic shock syndrome (TSS)	0	0	0	0	0	0	0	0	0	0	0	0	0
Toxoplasmosis - congenital	0	0	0	0	0	0	0	0	0	0	0	0	0
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0	0

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Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis - multi-drug resistant (MDR-TB)	0	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	0	0	0	0	0	0	0	0	0	0	0	0	0
Typhoid fever	0	0	0	0	0	0	0	0	0	0	0	0	0
Typhus fever	0	0	0	0	0	0	0	0	0	0	0	0	0
Varicella	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibrio parahaemolyticus infection	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibrio vulnificus infection	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibriosis - other (not cholera)	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hemorrhagic Fever (VHF)	0	0	0	0	0	0	0	0	0	0	0	0	0
West Nile virus disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Western equine encephalitis virus disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow fever	0	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	0	0	0	0	0	0	0	1	0	0	0	0	1
Zika virus disease	0	0	0	0	0	0	0	0	0	0	0	0	0